

09/937243 #3  
PATENT  
Attorney Docket No. 6550-000038  
Dmt  
11-4-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frost :  
Serial No: Unknown : Art Unit:  
National Stage Filed: September 21, 2001 : Examiner:  
For: SYNEHESIS OF 1,2,3,4-TETRA- :  
HYDROXYBENZENES AND :  
1,2,3-TRIHYDROXYBENZENES :  
USING MYO-INOSITOL-1 :  
PHOSPHATE SYNTHASE AND :  
MYO-INOSITOL 2-DEHYDROG- :  
GENASE :

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

This paper is submitted as a preliminary amendment. Please cancel claims 1-57 without prejudice or disclaimer and enter new claims 58-103 in accordance with the following rewritten claims in clean form prior to examination on the merits.

AMENDED CLAIMS REWRITTEN IN CLEAN FORM:

58. (New) A method for the production of 1,2,3,4-tetrahydroxybenzene, comprising:  
a) incubating, in the presence of a carbon source, a first microbe comprising a recombinant DNA encoding *myo*-inositol-1-phosphate synthase and a second microbe which expresses inositol dehydrogenase activity to produce *myo*-2-inosose; and